

## **CALCIUM SILICATE BOARD**

#### **General information**

CMAX calcium silicate products are classified under temperature between 650°C to 1100°C, it's an asbestos-free thermal insulation product.

#### **Features**

- ◆Low thermal conductivity
- ◆High thermal insulation value
- ◆High strength
- ◆High strength

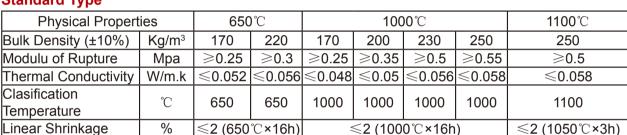
#### **Application**

- ◆Reheating furnace
- ◆Annealing furnace
- ◆Transfer ladle

- ◆Rotary kiln
- ◆Glass tank
- ◆Shuttle kiln

- ◆Tunnel kiln
- ◆Aluminum melting and holding furnace

## Standard Type



Size: Length: 400-1220mm(±4mm), Width: 250-1220mm(±3mm), Thickness:25-120mm (+3,-1.5mm)

### **High Pure and High Strength Type**

		High Pure Type		High Strength Type	
Physical Properties			G	С	
Bulk Density		Kg/m³	800±10%	800±10%	800-1000 ±10%
Modulu of Rupture		Мра	≥7	≥7	≥7
Thermal Conductivity		W/m.k	≤0.14	≤0.16	≤0.13
Clasification Tempreture		$^{\circ}\mathbb{C}$	1000	1000	1000
Working Tempreture		$^{\circ}\mathbb{C}$	850	850	850
Linear Shrinkage	Length, Width	%	0.4 (850°C×12h)	0.25 (850°C×12h)	1.5 (1000°C×3h)
	Thickness	%	1.5 (850°C×12h)	1.5 (850°C×12h)	1.5 (1000°C×3h)

High pure type: size: Length: 1000-1220mm(±4mm), Width: 500-1220mm(±4mm),

Thickness:25-100mm(+2,-1.5mm)

Special size is available as per customer's request. G board with glass fiber, C board with carbon fiber.

High strength type: size: Length: 2300-2500mm(±5mm), Width: 1220mm(±4mm), Thickness:25-50mm(+3,-1.5mm)

# **CALCIUM SILICATE PIPE**

Physical Properties	650℃	
Bulk Density	Kg/m <sup>3</sup>	220±10%
Modulus of Rupture	Мра	≥0.3
Thermal Conductivity	W/m.k	≤0.062
Clasification Temperature	$^{\circ}\mathbb{C}$	650
Linear Shrinkage	%	≤2



Size: Length: 600mm(±4mm), I.D.: 25mm-3600mm (+1-5mm), Thickness:40-100mm(+3,-1.5mm)

Special size is available as per customer's request.